

PROTECTIVE CIRCUIT

Patent number: KR9505938
Publication date: 1995-06-07
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Classification:
- international: H02H3/00
- european:
Application number: KR19930000334 19930113
Priority number(s): KR19930000334 19930113

Abstract of **KR9505938**

The earth protection circuit automatically connects an earth line with the pole of power supply when a short circuit occurs in the mechanical equipment. The circuit comprises a first control circuit (1) for connecting the earth line with the plus pole of power supply according to the control signal, a second control circuit (2) for connecting the earth line with the minus pole of power supply according to the control signal, a voltage detecting circuit (3) for comparing the reference voltage and the earth line voltage and for providing the control signal to two control circuits, a current detecting circuit (4) for detecting the leakage current, and resistors (7,8) for maintaining the circuit in the initial state.

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